

Form PTO-1449 (modified)  
List of Patents and Publications  
For Applicant's Information  
Disclosure Statement  
(Use several sheets if necessary)

ATTY. DKT. NO. 5659-08100

SERIAL NO. 09/841,437

APPLICANT: Stegemeier et al.

GROUP: 3672

FILING DATE: April 24, 2001

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
GG	AA2	294 809	1988-12-14	EP			



Patent Paper #26  
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EXAMINER:

George Suchfield

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ATTY. DKT. NO. 5659-08100/TX-006

SERIAL NO. 09/841,437

APPLICANT: Stegemeirer, et al.

GROUP: 3672

FILING DATE: April 24, 2001

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
GS	E1	3,181,613	May-1965	Krueger			
	E2	3,922,148	Nov-1975	Child			
	E3	3,924,680	Dec-1975	Terry			
	E4	5,020,596	Jun-1991	Hemsath			
	E5	5,229,102	Jul-1993	Minet et al.			
	E6	5,316,664	May-1994	Gregoli et al.			
	E7	5,366,012	Nov-1994	Lohbeck			
	E8	5,541,517	Jul-1996	Hartmann et al.			
	E9	5,861,137	Jan-1999	Edlund			
	E10	6,354,373	Mar-2001	Vercaemer et al.			
GS	E15	4,463,807	Aug-1984	Stoddard et al.			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

GS	E11	Coal, Encyclopedia of Chemical Technology, Kirk, R.E., Kroschwitz, J.I., Othmer, D.F., Wiley, New York, 4th edition, 1991, Vol. 6, pp. 423-488.
1	E12	Cortez et al., UK Patent Application GB 2,068,014 A, Date of Publication: August 5, 1981.
1	E13	Wellington et al., US Patent Application 60/273,354, Filed March 5, 2001.
GS	E14	The VertiTrak System Brochure, Baker Hughes, INT-01-1307A4, 2001 8 pages.

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## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

#20  
S. J. Haynes  
6/1/03

Title of Invention	IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION USING PRESSURE AND/OR TEMPERATURE CONTROL
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Application Number: 09/841437

Confirmation Number: 5260

First Named Applicant: George Stegemeier

Attorney Docket Number: 5659-08100

Art Unit: 3672

Examiner: George A Suchfield

Search string:  
( 1646599 or 3952802 or 4010800 or 3986556  
or 4031956 or 4140180 or 4412585 or 4501326  
or 4524827 or 4585066 or 4776638 or 4856587  
or 5517593 or 5099918 or 5751895 or 6015015  
or 6112808 ).pn.

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### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
69	1	1646599	1927-10-25	Schaefer			
	2	3952802	1976-04-27	Terry			
	3	4010800	1977-03-08	Terry			
	4	3986556	1976-10-19	Haynes			
	5	4031956	1977-06-28	Terry			
	6	4140180	1979-02-20	Bridges et al.			
	7	4412585	1983-11-01	Bouck			
	8	4501326	1985-02-26	Edmunds			
	9	4524827	1985-06-25	Bridges et al.			
	10	4585066	1986-04-29	Moore et al.			
	11	4776638	1988-10-11	Hahn			
	12	4856587	1989-08-15	Nielson			
	13	5517593	1996-05-14	Nenniger et al.			
69	14	5099918	1992-03-31	Bridges et al.			

05/25/2003 EFS-RD 00000012 09841437

05/25/2003 EFS-RD 160.00 Cn

G9	15	5751895	1998-05-12	Bridges
G9	16	6015015	2000-01-18	Luft et al.
G9	17	6112808	2000-09-05	Isted

## Remarks

Note: Remarks are not for responding to an office action.

Foreign application will be submitted with FORM PTO-1449.

## Signature

Examiner Name	Date
George Suchfield	11/4/03

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List of Patents and Publications  
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Disclosure Statement  
(Use several sheets if necessary)

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ATTY. DKT. 5659-08100

INVENTOR: Stegemeier et al..

SERIAL NO. 09/841,437

GROUP: 3672

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) *Drafted Papers 30*

T13	SSAB report, "A Brief Description of the Ljungstrom Method for Shale Oil Production," 1950 (12 pages).
T14	Salomonsson G., SSAB report, "The Lungstrom In Situ-Method for Shale Oil Recovery, 1950 (28 pages)
T15	"Swedish shale oil-Production method in Sweden," Organisation for European Economic Co-operation, 1952, (70 pages).
T16	SSAB report, "Kvarn Torp" 1958, (36 pages).
T17	SSAB report, "Kvarn Torp" 1951 (35 pages).
T18	SSAB report, "Summary study of the shale oil works at Narkes Kvarntorp" (15 pages).
T19	Vogel et al. "An Analog Computer for Studying Heat Transferring during a Thermal Recovery Process," AIME Petroleum Transactions, 1955 (pages 205-212).
T20	"SKIFFEROLJA GENOM UPPVARMNING AV SKIFFERBERGET," Faxin Department och Namder, 1941, (3 pages)
T21	"Aggregatringens orsaker och ransoneringen grunder", Av director E.F. Cederlund i Statens livsmedelskommision (1 page).
T22	Ronny, E. "KVARNTORP Sveriges Storsta skifferoljeindustri," 1943, (9 pages)
T23	GS SAAB report, "The Swedish Shale Oil Industry," 1948 (8 pages).
T24	Gejrot et al., "The Shale Oil Industry in Sweden," Carlo Colombo Publishers-Rome, Proceedings of the Fourth World Petroleum Congress, 1955 (8 pages)
T25	Hedbeck, T. J., The Swedish Shale as Raw Material for Production of Power, Oil and Gas," Xith Sectional Meeting World Power Conference, 1957 (9 pages)
T26	SAAB, "Santa Cruz, California, Field Test of the Lins Method for the Recovery of Oil from Sand", 1955 Vol. 1, (141 pages) English
T27	SAAB, "Santa Cruz, California, Field Test of the Lins Method for the Recovery of Oil from Sand-Figures", 1955 Vol. 2, (146 pages) English.
T28	"Santa Cruz, California, Field Test of the Lins Method for the Recovery of Oil from Sand-Memorandum re: tests", 1955 Vol. 3, (256 pages) English.
T29	Helander, R.E., "Santa Cruz, California, Field Test of Carbon Steel Burner Casings for the Lins Method of Oil Recovery", 1959 (38 pages) English.
T30	Helander et al., Santa Cruz, California, Field Test of Fluidized Bed Burners "Lins Method of Oil Recovery" 1959, (86 pages) English.
T31	SSAB report, "Bradford Residual Oil, Athabasca Ft. McMurray" 1951, (207 pages) Partial translation.
T32	GS "Lins Burner Test Results-English" 1959-1960, ( pages).
T33	SSAB "Annual Reports, SSAB Laboratory, Address Annually Issues-Shale and Ash, Oil, Gas, Waste Water, Analytical", 1953-1954, (166 pages) Swedish
T34	SSAB report, "Financial Matter, Swedish taxes, etc.," 1960-1961 (37 pages) Swedish
T35	SSAB report, "Cost For Mining," 1959-1979 (13 pages) Swedish
T36	SSAB report, "Cost Comparison of Mining and Processing of Shale and Dolomite Using Various Production Alternatives", 1960, (64 pages) Swedish
T37	SSAB report, "Assessment of Future Mining Alternatives of Shale and Dolomite," 1962, (59 pages) Swedish
T38	SSAB report, "Kartong 2 Shale: Ljungstromsanläggningen" (104 pages) Swedish

\* not in compliance with MPEP Section 609

EXAMINER: George Suchfield

DATE CONSIDERED: 11/4/03

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ATTY. DKT. 5659-08100

SERIAL NO. 09/841,437

INVENTOR: Stegemeier et al..

GROUP: 3672

FILING DATE: April 24, 2001

<i>G9</i>	T39	SAAB, "Photos," (18 pages)
	T40	SAAB report, "Swedish Geological Survey Report, Plan to Delineate Oil shale Resource in Narkes Area (near Kvarntorp)," 1941 (13 pages). Swedish.
	T41	SAAB report, "Recovery Efficiency," 1941, (61 pages). Swedish.
	T42	SAAB report, "Geologic Work Conducted to Assess Possibility of Expanding Shale Mining Area in Kvarntorp; Drilling Results, Seismic Results," 1942 (79 pages). Swedish.
	T43	SSAB report, "Ojematinigar vid Norrtorp," 1945 (141 pages).
	T44	SSAB report, "Inhopplingschema, Norrtorp II 20/3-17/8," 1945 (50 pages). Swedish.
	T45	SSAB report, "Maps and Diagrams, Geology," 1947 (137 pages). Swedish.
	T46	SSAB report, "Styrchseprotoholl," 1943 (10 pages). Swedish.
	T47	SSAB report, "Early Shale Retorting Trials" 1951-1952, (134 pages). Swedish.
	T48	SSAB report, "Analysis of Lufjunsstrom Oli and its Use as Liquid Fuel," Thesis by E. Pals, 1949 (83 pages). Swedish.
	T49	SSAB report, "Secondary Recovery after LINS," 1945 (78 pages).
	T50	SSAB report, "Environmental Sulphur and Effect on Vegetation," 1951 (50 pages). Swedish.
	T51	SSAB report, "Tar Sands", Vol.135 1953 (20 pages, pages 12-15 translated). Swedish.
	T52	SSAB report, "Assessment of Skanes Area (Southern Sweden) Shales as Fuel Source," 1954 (54 pages). Swedish.
	T53	SSAB report, "From as Utre Dn Text Geology Reserves," 1960 (93 pages). Swedish.
	T54	SSAB report, "Kvarntorps Environmental Area Assessment," 1981 (50 pages). Swedish.

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## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18  
Stylesheet Version v18.0

Title of Invention	IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION USING PRESSURE AND/OR TEMPERATURE CONTROL						
Application Number:	09/841437 						
Confirmation Number:	5260						
First Named Applicant:	George Stegemeier						
Attorney Docket Number:	5659-08100						
Art Unit:	3672						
Examiner:	George A Suchfield						
Search string:	( 3477058 or 3580987 or 1646599 or 3952802 or 4010800 or 3892270 or 3986556 or 4031956 or 4140180 or 4412585 or 4501326 or 4524827 or 4585066 or 4776638 or 4856587 or 5517593 or 5099918 or 5751895 or 6015015 or 6112808 or 3026940 or 3947683 or 3285335 or 3456721 or 2857002 or 3165154 or 4458757 or 4931171 or 4737267 or 4384948 or 3593790 or 3497000 or 3244231 or 3223166 or 3947656 ).pn.						
<b>RECEIVED</b> SEP 03 2003 <b>GROUP 3600</b>							
<b>US Patent Documents</b>							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
69	1	3477058	1968-11-04	Vedder et al.			
	2	3580987	1971-05-25	Priaroggia			
	3	1646599	1927-10-25	Schaefer			
	4	3952802	1976-04-27	Terry			
	5	4010800	1977-03-08	Terry			
	6	3892270	1975-07-01	Lindquist			
	7	3986556	1976-10-19	Haynes			
	8	4031956	1977-06-28	Terry			
	9	4140180	1979-02-20	Bridges et al.			
	10	4412585	1983-11-01	Bouck			
69	11	4501326	1985-02-26	Edmunds			

69	12	4524827	1985-06-25	Bridges et al.
	13	4585066	1986-04-29	Moore et al.
	14	4776638	1988-10-11	Hahn
	15	4856587	1989-08-15	Nielson
	16	5517593	1996-05-14	Nenniger et al.
	17	5099918	1992-03-31	Bridges et al.
	18	5751895	1998-05-12	Bridges
	19	6015015	2000-01-18	Luft et al.
	20	6112808	2000-09-05	Isted
	21	3026940	1962-03-27	Spitz
	22	3947683	1976-03-30	Schultz et al.
	23	3285335	1966-11-05	Reistle
	24	3456721	1969-07-22	Smith
	25	2857002	1958-10-21	Pevere et al.
	26	3165154	1965-01-12	Santourian
	27	4458757	1984-07-10	Bock et al.
	28	4931171	1990-06-05	Piotter
	29	4737267	1988-04-12	Pao et al.
	30	4384948	1983-05-24	Barger
	31	3593790	1971-07-20	Herce
	32	3497000	1970-02-24	Hujsak et al.
	33	3244231	1966-04-05	Grekel et al.
	34	3223166	1965-12-14	Hunt et al.
69	35	3947656	1976-03-30	Lodi

### Remarks

Note: Remarks are not for responding to an office action.

This IDS is part of a request for continued examination.

### Signature

Examiner Name	Date
George Suchfield	11/4/03

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 U. S. PATENT & TRADEMARK OFFICE

ATTY. DKT. NO. 5659-08100  
 APPLICANT: Stegemeier et al.  
 FILING DATE: April 24, 2001  
 SERIAL NO. 09/841,437  
 GROUP: 3672

**FOREIGN PATENT DOCUMENTS**

*Patent Paperwork 33*

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
GS	T01	1836876	12/30/1994	SU			Y
GS	AA2	294 809	12/14/1988	EP			

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

GS	L12	Van Krevelen, COAL: Typology-Physics-Chemistry-Constitution, 1993, pp. 27, 42, 52, 322, 323, 324, 325, 326, 526, 527, 726.
	T02	Burnham, Alan, K. "Oil Shale Retorting Dependence of timing and composition on temperature and heating rate", January 27, 1995, (23 pages).
	T03	Burnham et al. "A Possible Mechanism of Alkene/Alkane Production in Oil Shale Retorting, (7 pages).
	T04	Campbell, et al., "Kinetics of oil generation from Colorado Oil Shale" IPC Business Press, Fuel, 1978, (3 pages).
	T05	Cummins et al. "Thermal Degradation of Green River Kerogen at 150° to 350 °C", Report of Investigations 7620, U.S. Government Printing Office, 1972, (pages 1-15).
	T06	Cook, et al. "The Composition of Green River Shale Oils", United Nations Symposium on the Development and Utilization of Oil Shale Resources, Tallinn, 1968, (pages 1-23).
	T07	Hill et al., "The Characteristics of a Low Temperature in situ Shale Oil" American Institute of Mining, Metallurgical & Petroleum Engineers, 1967 (pages 75-90)..
	T08	Dinneen, et al. "Developments in Technology for Green River Oil Shale" United Nations Symposium on the Development and Utilization of Oil Shale Resources, Tallinn, 1968, (pages 1-20).
	T09	De Rouffignac, E. "In Situ Resistive Heating of Oil Shale for Oil Production-A Summary of the Swedish Data, (4 pages).
	T10	Dougan, et al. "The Potential for in situ Retorting of Oil Shale in the Piceance Creek Basin of Northwestern Colorado", Quarterly of the Colorado School of Mines (pages 57-72).
	T11	Hill et al. "Direct Production of Low Pour Point High Gravity Shale Oil" I&EC Product Research and Development, 1967, Volume 6, (pages 52-59).
GS	T12	Yen et al., "Oil Shale" Developments in Petroleum Science, 5, Elsevier Scientific Publishing Co., 1976 (pages 187-198).

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*George Suchfield*

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EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
G9	G5	3,766,982	Oct-73	Justheim			
G9	G7	3,599,714	Aug-71	Messman et al.			
G9	G8	4,043,393	Aug-77	Fisher et al.			

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

G5	G6	Rogers, Rudy E. "Coalbed Methane: Principles and Practice" Prentice-Hall, Inc. 1994, pp. 164-165.
G9	G9	Hyne, Norman J. Geology for Petroleum Exploration, Drilling, and Production. McGraw-Hill Book Company, 1984, p. 264.

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